

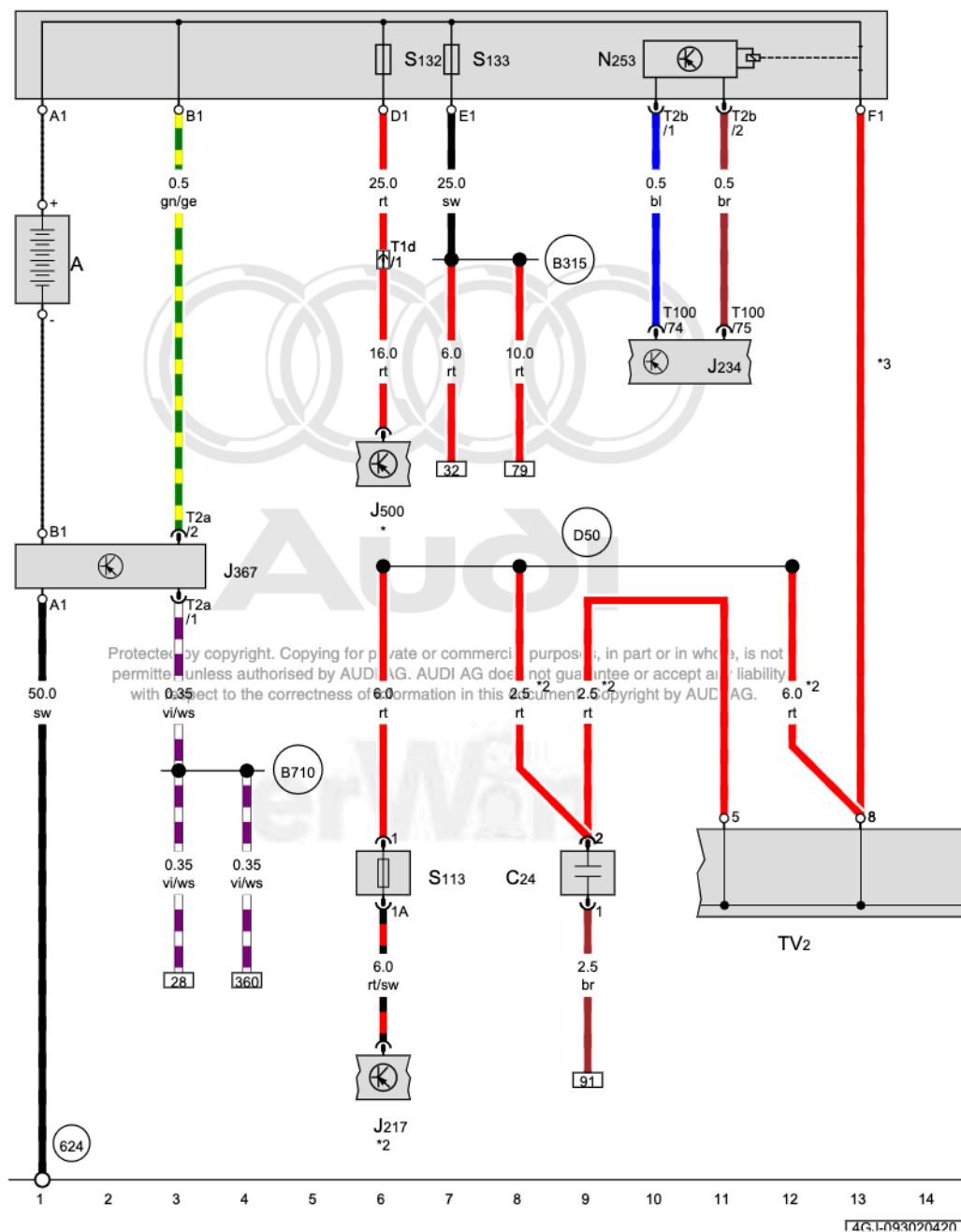
2.0L Gasoline Engine , CYNB,CYPA,CYPB,CUHA

From September 2014

**Audi**

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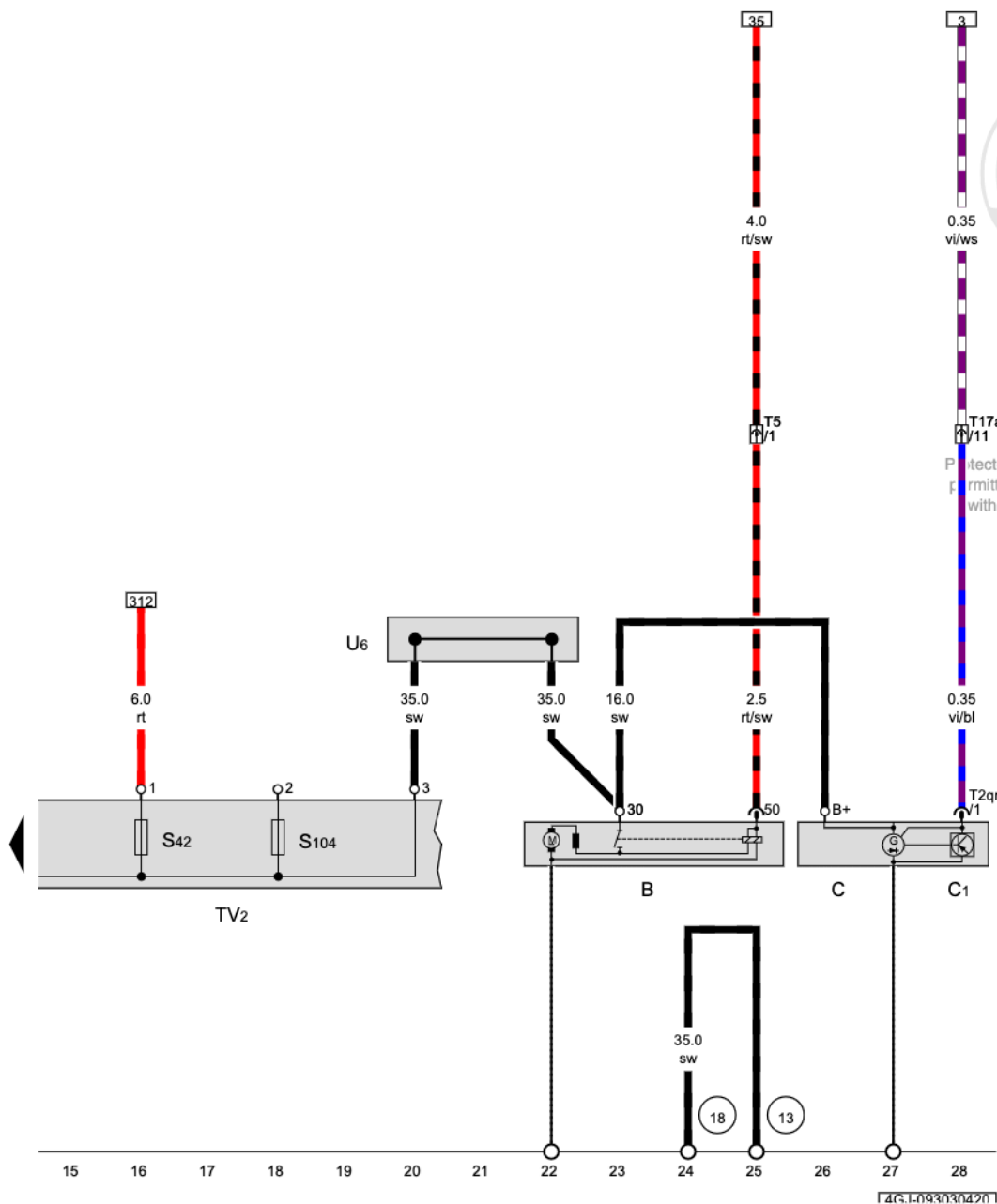
Battery, Suppressor, Battery Monitoring Control Module, Battery Interrupt Igniter, Terminal 30 Wire Junction

- A Battery
- C24 Suppressor
- J217 Transmission Control Module
- J234 Airbag Control Module
- J367 Battery Monitoring Control Module
- J500 Power Steering Control Module
- N253 Battery Interrupt Igniter, Near the Battery
- S113 Automatic Transmission Control Module Fuse
- S132 Safety Fuse 2
- S133 Safety Fuse 3
- T1d 1-Pin Connector, On the Left Front of the Vehicle Floor, Black
- T2a 2-Pin Connector
- T2b 2-Pin Connector, Yellow
- TV2 Terminal 30 Wire Junction
- T100 100-Pin Connector, Yellow

- 624 Ground Connection near Starter Battery
- B315 Positive Connection 1 (30a) (in Main Wiring Harness)
- B710 LIN Bus Connection 5 (in Main Wiring Harness)
- D50 Positive Connection (30) (in Engine/Motor Compartment Wiring Harness)
- * Refer to Applicable Wiring Diagram
- *2 Refer to Applicable Wiring Diagram for Automatic Transmission
- *3 Flat Conductor

Starter, Generator, Terminal 30 Wire Junction

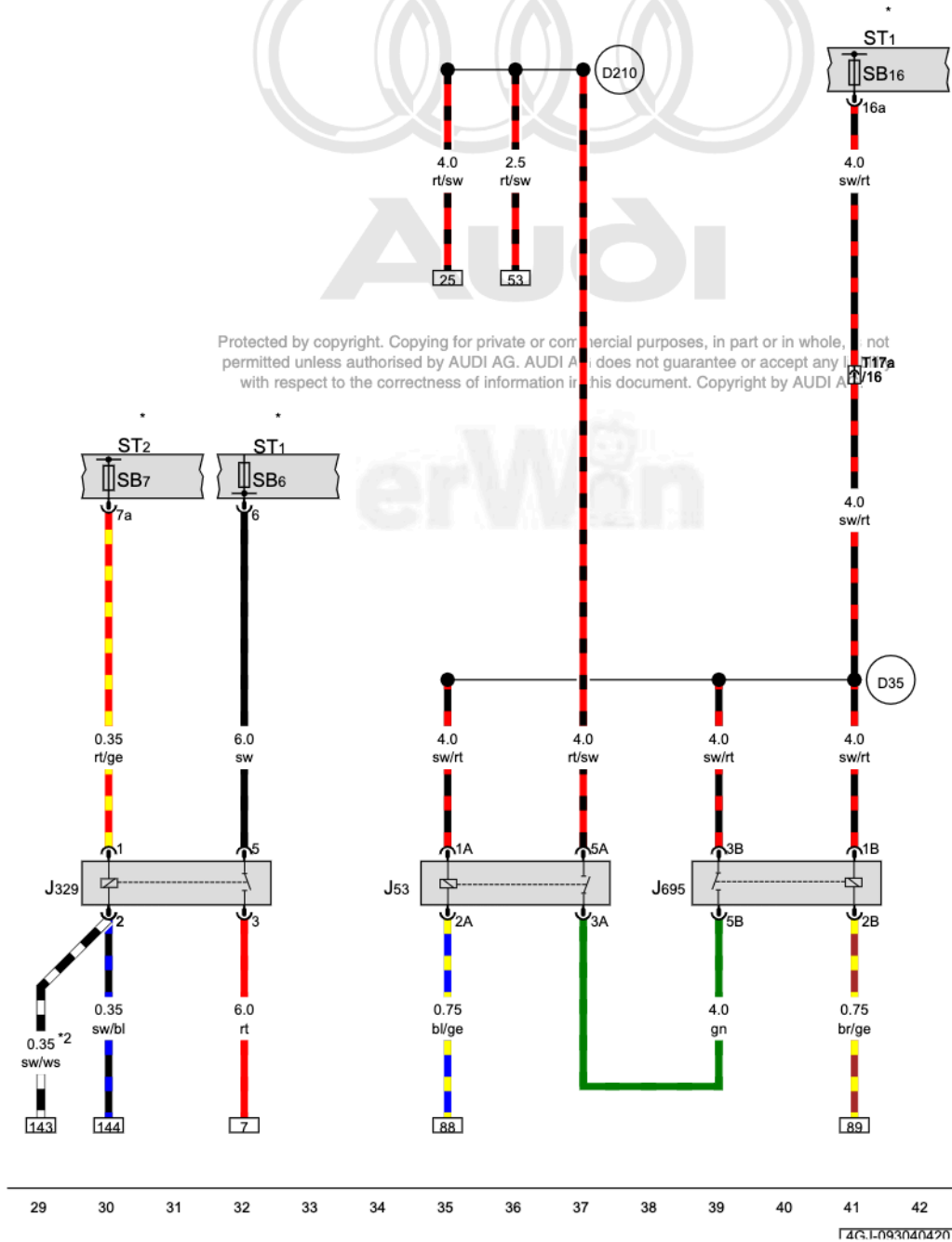
- B Starter
- C Generator
- C1 Voltage Regulator
- S42 Radiator Fan Fuse
- S104 Radiator Fan Second Speed Fuse
- T2qr 2-Pin Connector
- TV2 Terminal 30 Wire Junction
- T5 5-Pin Connector, In the Center Plenum Chamber, Black
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- U6 Battery Jump Start Terminal
- 13 Ground Connection in Engine/Motor Compartment, Right
- 18 Ground Connection on Cylinder Block



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Starter Relay, Terminal 15 Power Supply Relay, Starter Relay 2

- J53 Starter Relay
- J329 Terminal 15 Power Supply Relay
- J695 Starter Relay 2
- ST1 Fuse Panel 1
- ST2 Fuse Panel 2
- SB6 Fuse 6 (On Fuse Panel B)
- SB7 Fuse 7 (On Fuse Panel B)
- SB16 Fuse 16 (On Fuse Panel B)
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- D35 Positive Connection 1 (15a) (in Engine Pre-Wiring Harness)
- D210 Connection 50 (in Engine/Motor Compartment Wiring Harness)
- * Refer to Applicable Wiring Diagram for Fuse Positions
- *2 For RHD Vehicles



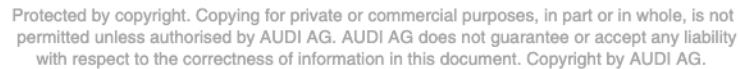
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J217	Transmission Control Module
J532	Voltage Stabilizer
SA	Fuse Panel A
SA1	Fuse 1 (On Fuse Panel A)
ST1	Fuse Panel 1
SA2	Fuse 2 (On Fuse Panel A)
SA3	Fuse 3 (On Fuse Panel A)
SA4	Fuse 4 (On Fuse Panel A)
SA5	Fuse 5 (On Fuse Panel A)
SA6	Fuse 6 (On Fuse Panel A)
SA7	Fuse 7 (On Fuse Panel A)
SA8	Fuse 8 (On Fuse Panel A)
SA9	Fuse 9 (On Fuse Panel A)
SA10	Fuse 10 (On Fuse Panel A)
SB15	Fuse 15 (On Fuse Panel B)
T17a	17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
T17b	17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
V475	Transmission Fluid Auxiliary Hydraulic Pump 1
D51	Positive Connection 1 (15) (in Engine/Motor Compartment Wiring Harness)
D116	Connection 14 (in Engine/Motor Compartment Wiring Harness)
D180	Connection 87A (in Engine/Motor Compartment Wiring Harness)
D181	Connection 87A (in Engine/Motor Compartment Wiring Harness)
*	For Vehicles with Start/Stop System
*2	Refer to Applicable Wiring Diagram for Fuse Positions
*3	Refer to Applicable Wiring Diagram for Automatic Transmission
*4	For Vehicles with a Manual Transmission
*5	Omitted as a Running Change
*6	For Vehicles Without Manual Transmission
*7	Running Change



J217	Transmission Control Module
SA	Fuse Panel A
ST3	Fuse Panel 3
SA11	Fuse 11 (On Fuse Panel A)
SA12	Fuse 12 (On Fuse Panel A)
SA13	Fuse 13 (On Fuse Panel A)
SA14	Fuse 14 (On Fuse Panel A)
SA15	Fuse 15 (On Fuse Panel A)
SA16	Fuse 16 (On Fuse Panel A)
SA17	Fuse 17 (On Fuse Panel A)
SB	Fuse Panel B
T17b	17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
D51	Positive Connection 1 (15) (in Engine/Motor Compartment Wiring Harness)
D180	Connection 87A (in Engine/Motor Compartment Wiring Harness)
D181	Connection 2 (87A) (in Engine/Motor Compartment Wiring Harness)
*	Refer to Applicable Wiring Diagram for Automatic Transmission
*2	Refer to Applicable Wiring Diagram for Fuse Positions
*3	Depending on Equipment

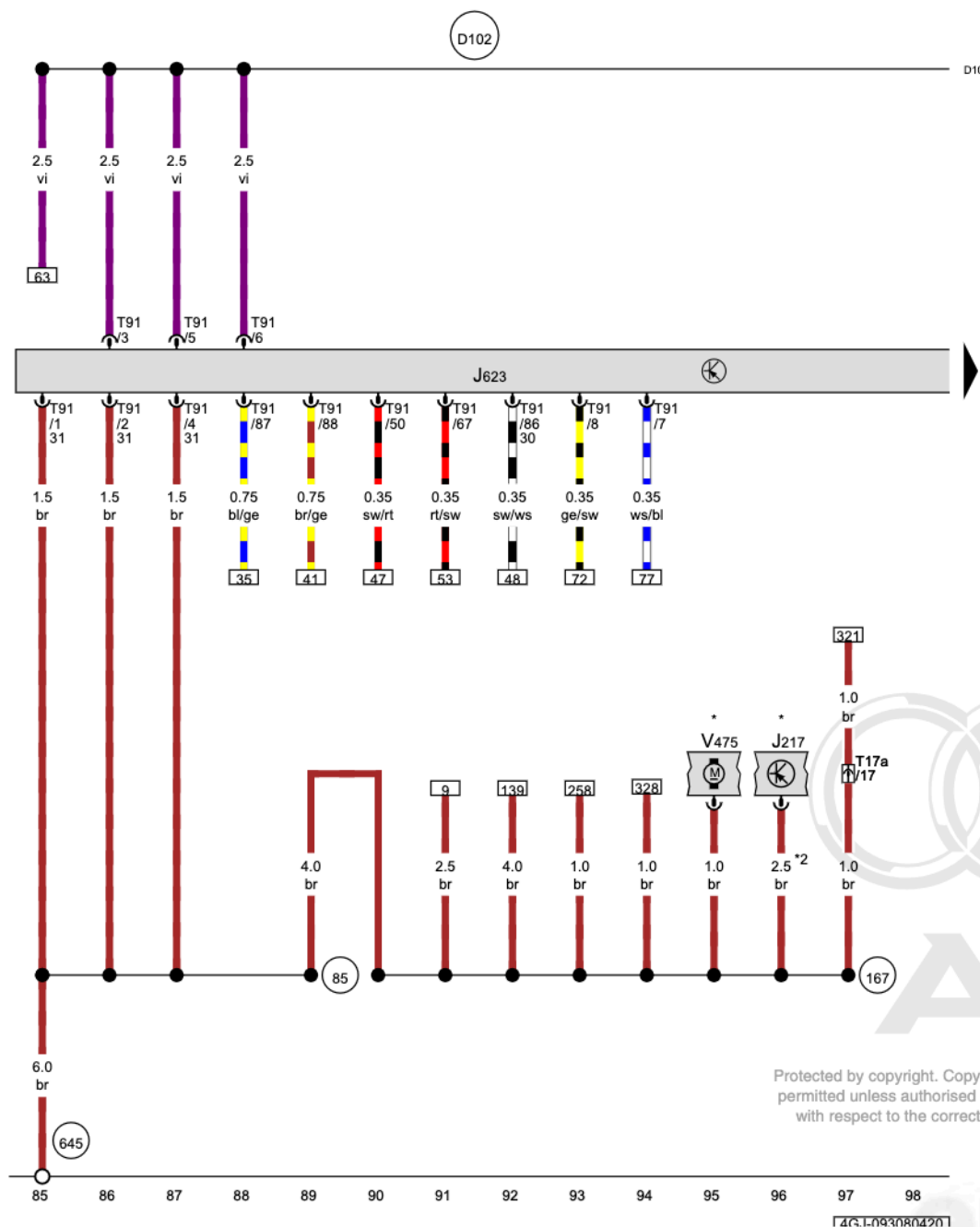


* Threaded Connection in the Plenum Chamber E-Box
*2 For Vehicles Without Manual Transmission
*3 The Color of the Wires Depends on Vehicle Equipment

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Engine/Motor Control Module

- J217 Transmission Control Module
- J623 Engine/Motor Control Module
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T91 91-Pin Connector, Black
- V475 Transmission Fluid Auxiliary Hydraulic Pump 1
- 85 Ground Connection 1 (in Engine/Motor Compartment Wiring Harness)
- 167 Ground Connection 4 (in Engine/Motor Compartment Wiring Harness)
- 645 Ground Connection 1 on Bulkhead
- D102 Connection 2 (in Engine/Motor Compartment Wiring Harness)
- * Refer to Applicable Wiring Diagram for Automatic Transmission
- *2 Depending on Equipment



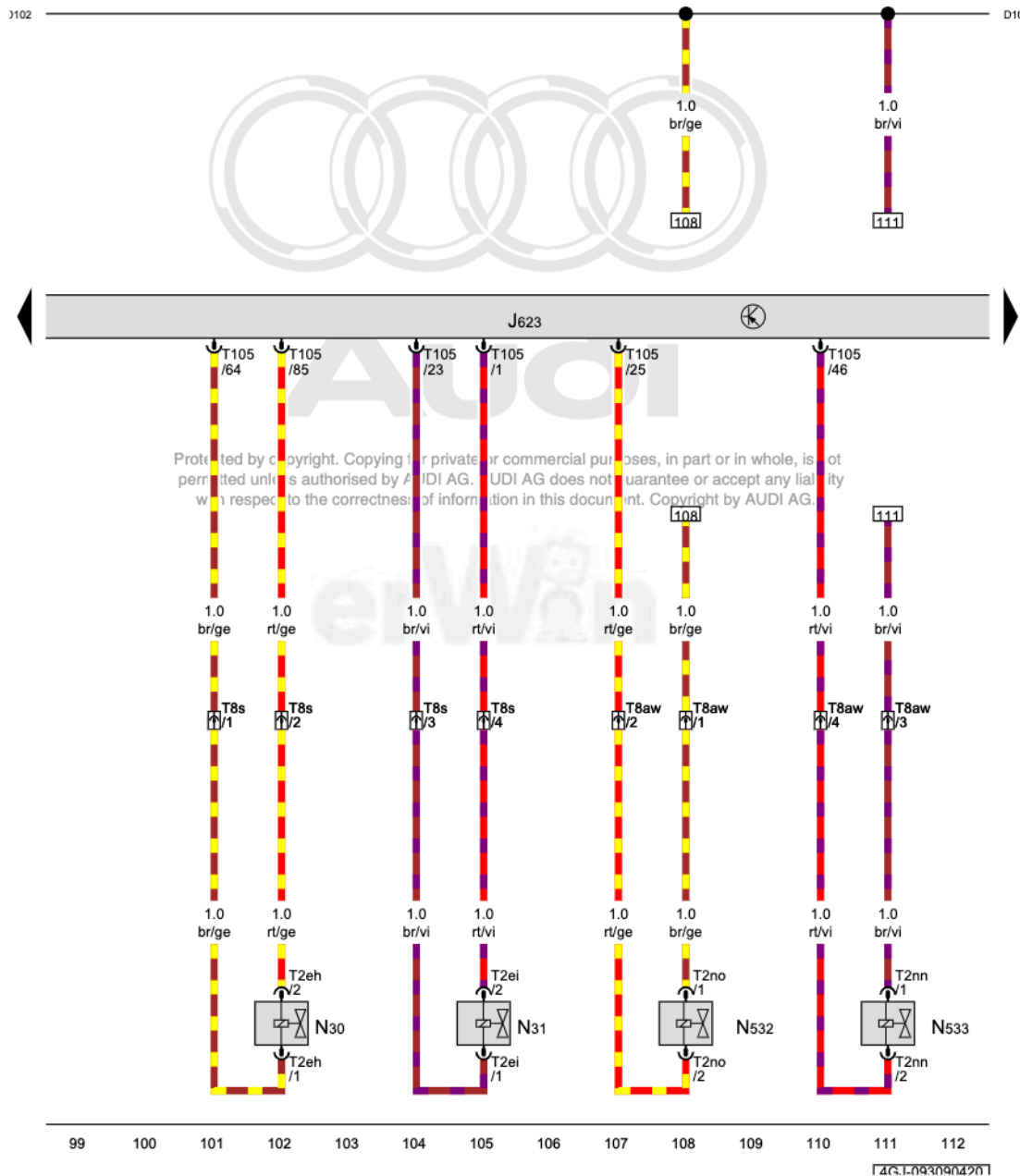
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Engine/Motor Control Module, Cylinder 1 Fuel Injector

- J623 Engine/Motor Control Module
- N30 Cylinder 1 Fuel Injector
- N31 Cylinder 2 Fuel Injector
- N532 Cylinder 1 Fuel Injector 2
- N533 Cylinder 2 Fuel Injector 2
- T2eh 2-Pin Connector
- T2ei 2-Pin Connector
- T2nn 2-Pin Connector
- T2no 2-Pin Connector
- T8aw 8-Pin Connector, Black
- T8s 8-Pin Connector, In the Engine/Motor Compartment, Right, Black
- T105 105-Pin Connector, Black

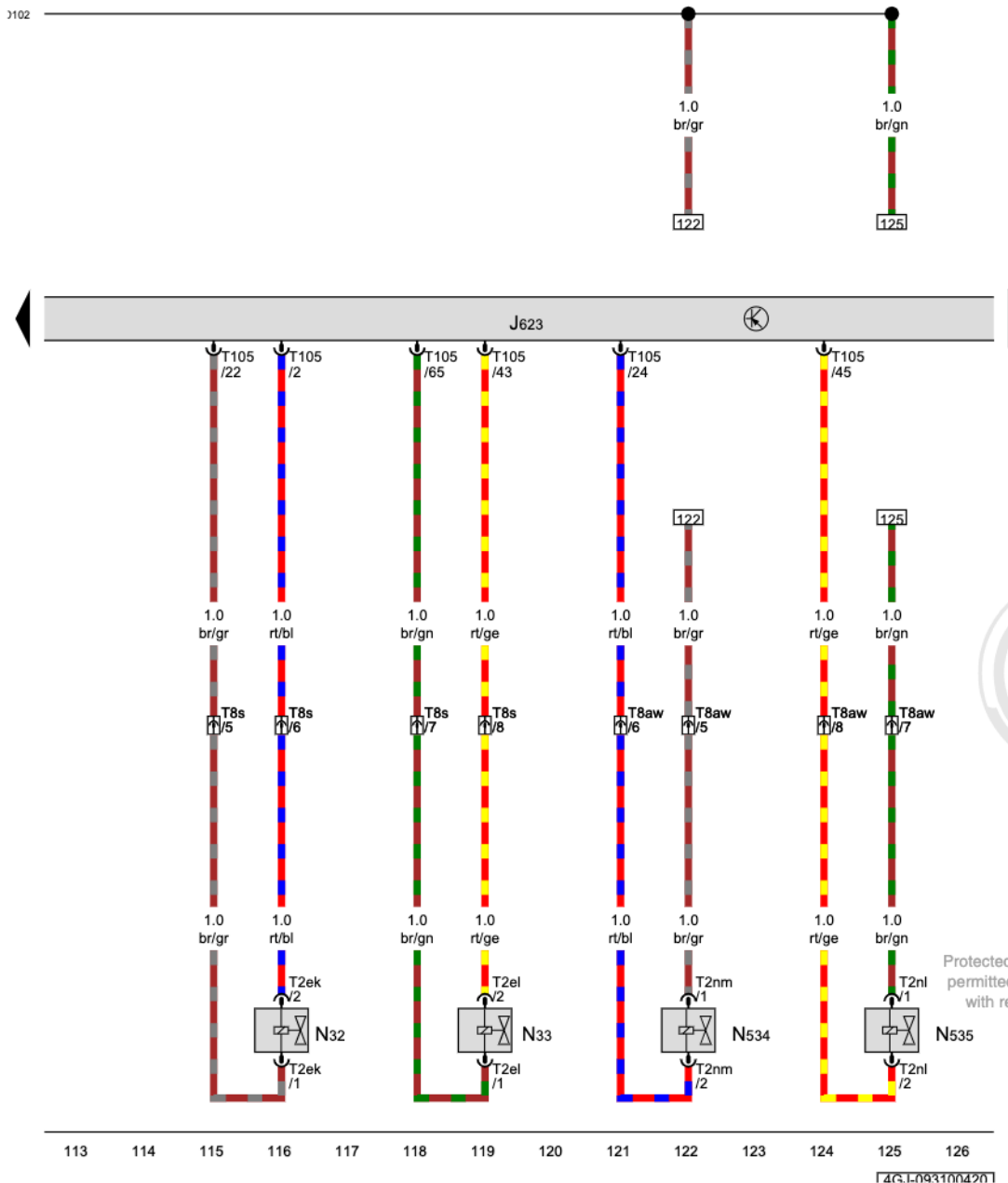
D102 Connection 2 (in Engine/Motor Compartment Wiring Harness)



Engine/Motor Control Module, Cylinder 4 Fuel Injector

- J623 Engine/Motor Control Module
- N32 Cylinder 3 Fuel Injector
- N33 Cylinder 4 Fuel Injector
- N534 Cylinder 3 Fuel Injector 2
- N535 Cylinder 4 Fuel Injector 2
- T2ek 2-Pin Connector
- T2el 2-Pin Connector
- T2nl 2-Pin Connector
- T2nm 2-Pin Connector
- T8aw 8-Pin Connector, Black
- T8s 8-Pin Connector, In the Engine/Motor Compartment, Right, Black
- T105 105-Pin Connector, Black

D102 Connection 2 (in Engine/Motor Compartment Wiring Harness)

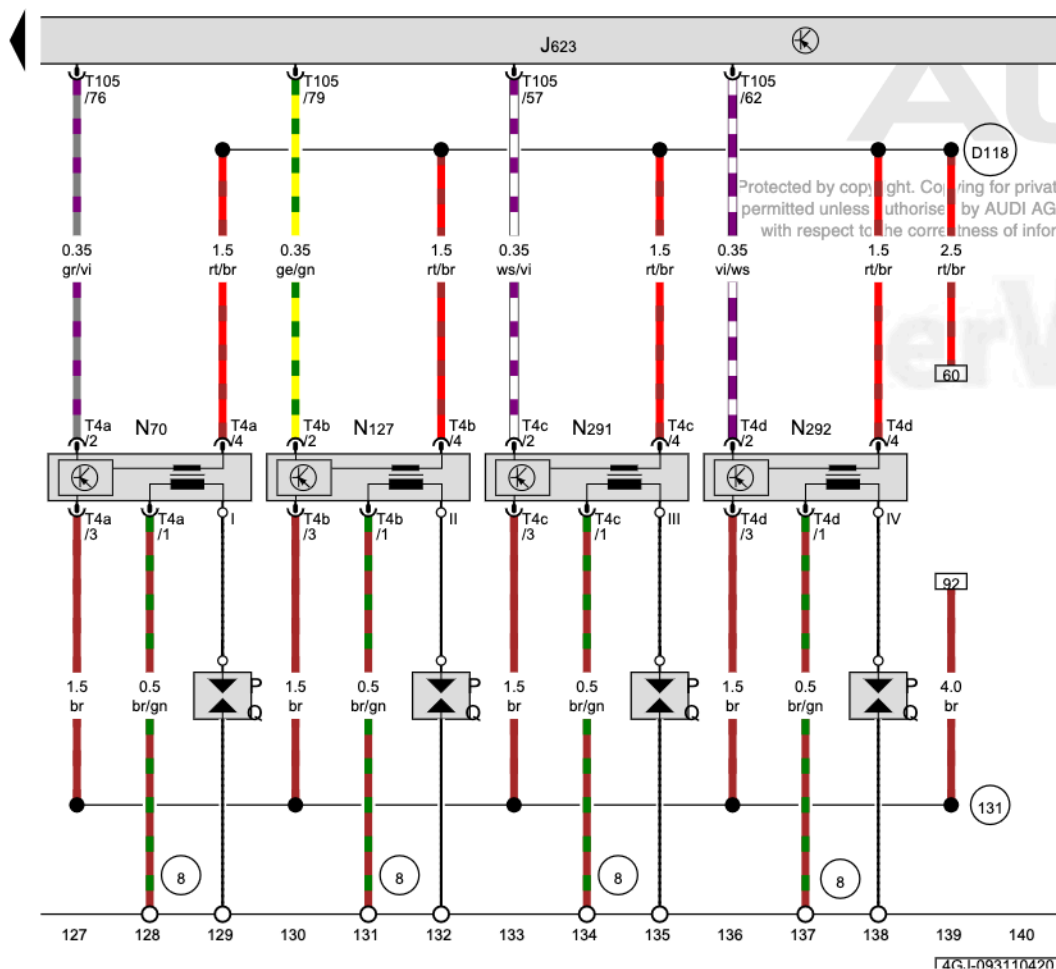


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Engine/Motor Control Module, Ignition Coil 1 with Power Output Stage, Ignition Coil 4 with Power Output Stage, Spark Plug Connectors, Spark Plugs

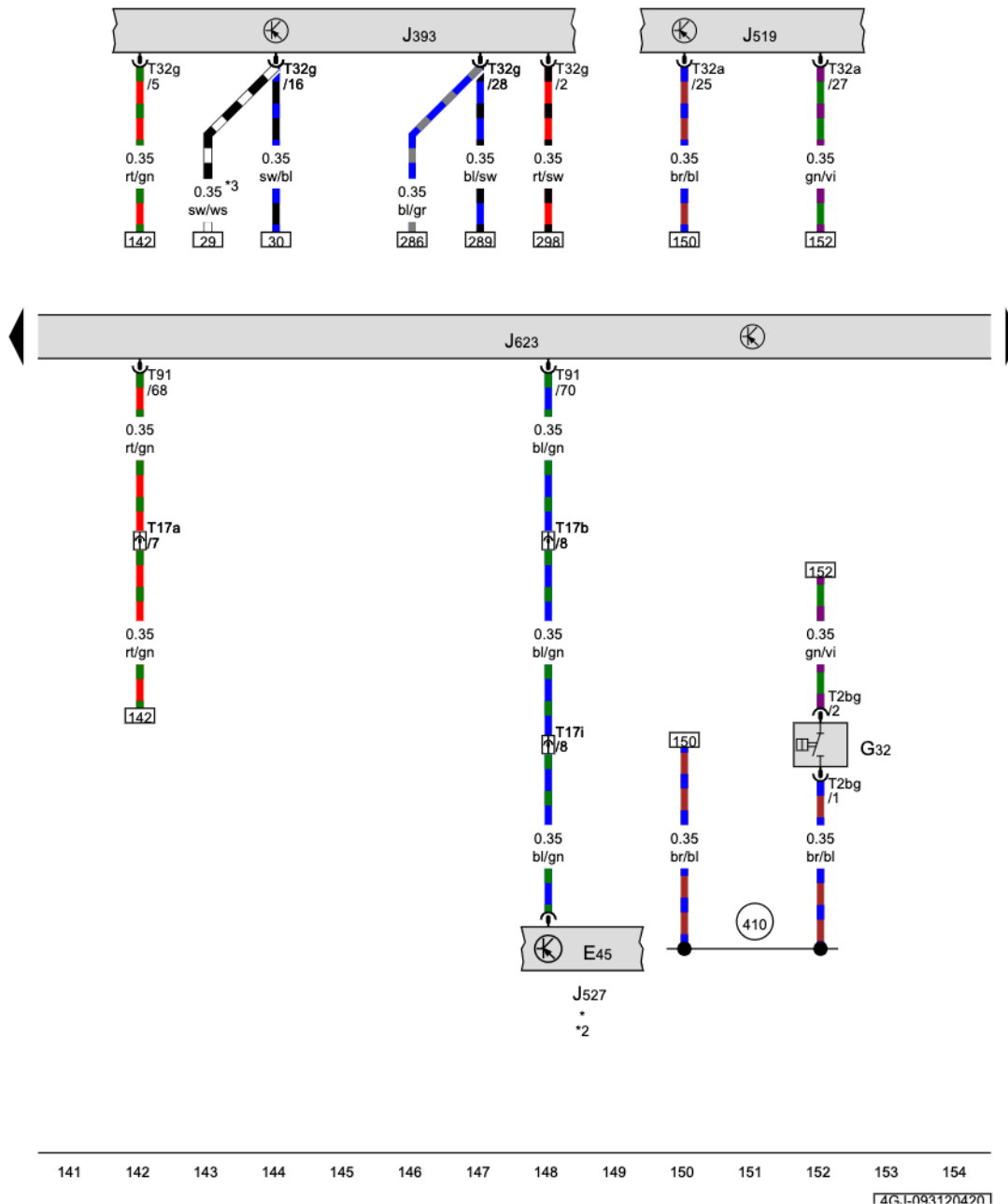
- J623 Engine/Motor Control Module
- N70 Ignition Coil 1 with Power Output Stage
- N127 Ignition Coil 2 with Power Output Stage
- N291 Ignition Coil 3 with Power Output Stage
- N292 Ignition Coil 4 with Power Output Stage
- P Spark Plug Connectors
- Q Spark Plugs
- T4a 4-Pin Connector, Black
- T4b 4-Pin Connector, Black
- T4c 4-Pin Connector, Black
- T4d 4-Pin Connector, Black
- T105 105-Pin Connector, Black

- 8 Ground Cable, Valve Cover to Ignition Coil
- 131 Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)
- D118 Connection 16 (in Engine/Motor Compartment Wiring Harness)



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Engine Coolant Level Sensor, Vehicle Electrical System
Control Module, Engine/Motor Control Module



- E45 Cruise Control Switch
- G32 Engine Coolant Level Sensor
- J393 Comfort System Central Control Module
- J519 Vehicle Electrical System Control Module
- J527 Steering Column Electronics Control Module
- J623 Engine/Motor Control Module
- T2bg 2-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station, Black
- T32a 32-Pin Connector, Black
- T32g 32-Pin Connector, Gray
- T91 91-Pin Connector, Black

410 Sensor Ground Connection 1 (in Main Wiring Harness)

- * For Vehicles with Cruise Control System
- *2 Refer to Applicable Wiring Diagram
- *3 For RHD Vehicles

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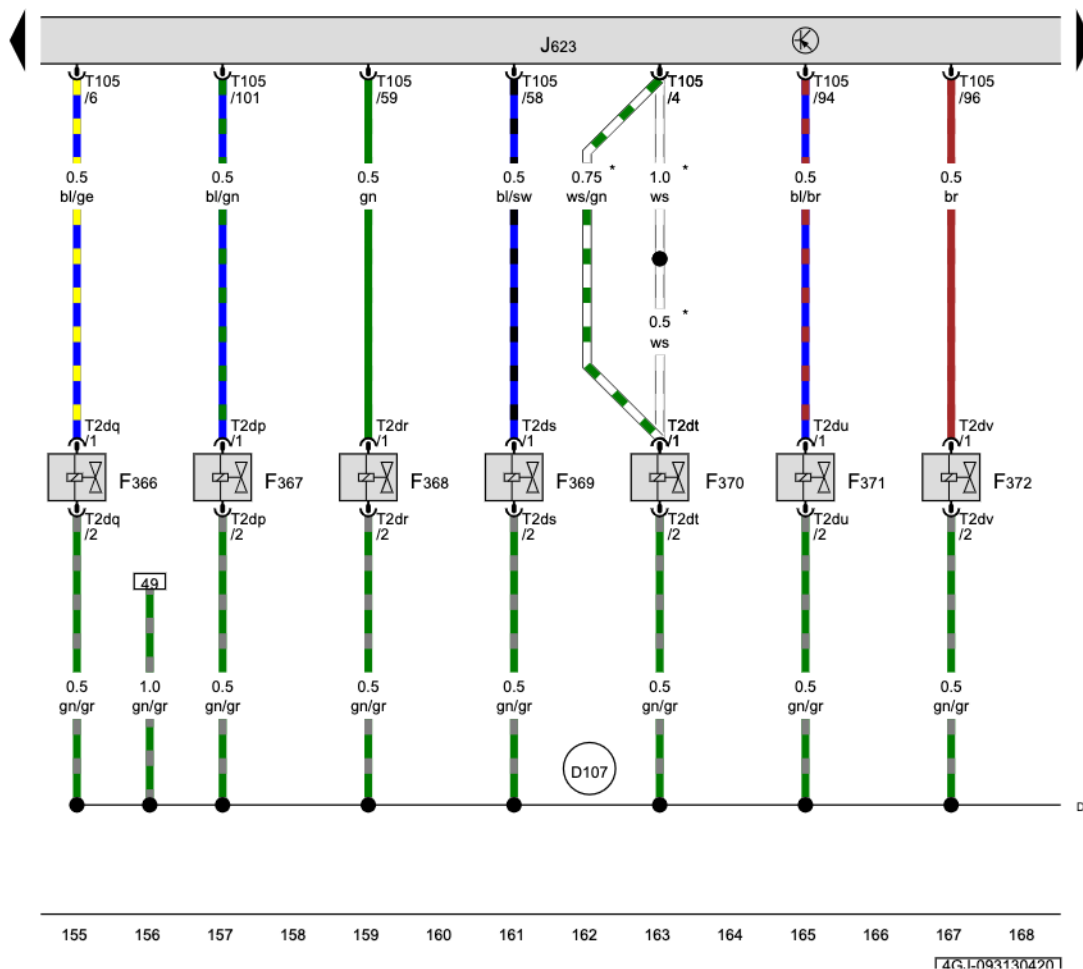
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Cam Adjustment Actuator 2, Cam Adjustment Actuator 7,
Engine/Motor Control Module

- F366 Cam Adjustment Actuator 1
- F367 Cam Adjustment Actuator 2
- F368 Cam Adjustment Actuator 3
- F369 Cam Adjustment Actuator 4
- F370 Cam Adjustment Actuator 5
- F371 Cam Adjustment Actuator 6
- F372 Cam Adjustment Actuator 7
- J623 Engine/Motor Control Module
- T2dp 2-Pin Connector
- T2dq 2-Pin Connector
- T2dr 2-Pin Connector
- T2ds 2-Pin Connector
- T2dt 2-Pin Connector
- T2du 2-Pin Connector
- T2dv 2-Pin Connector
- T105 105-Pin Connector, Black

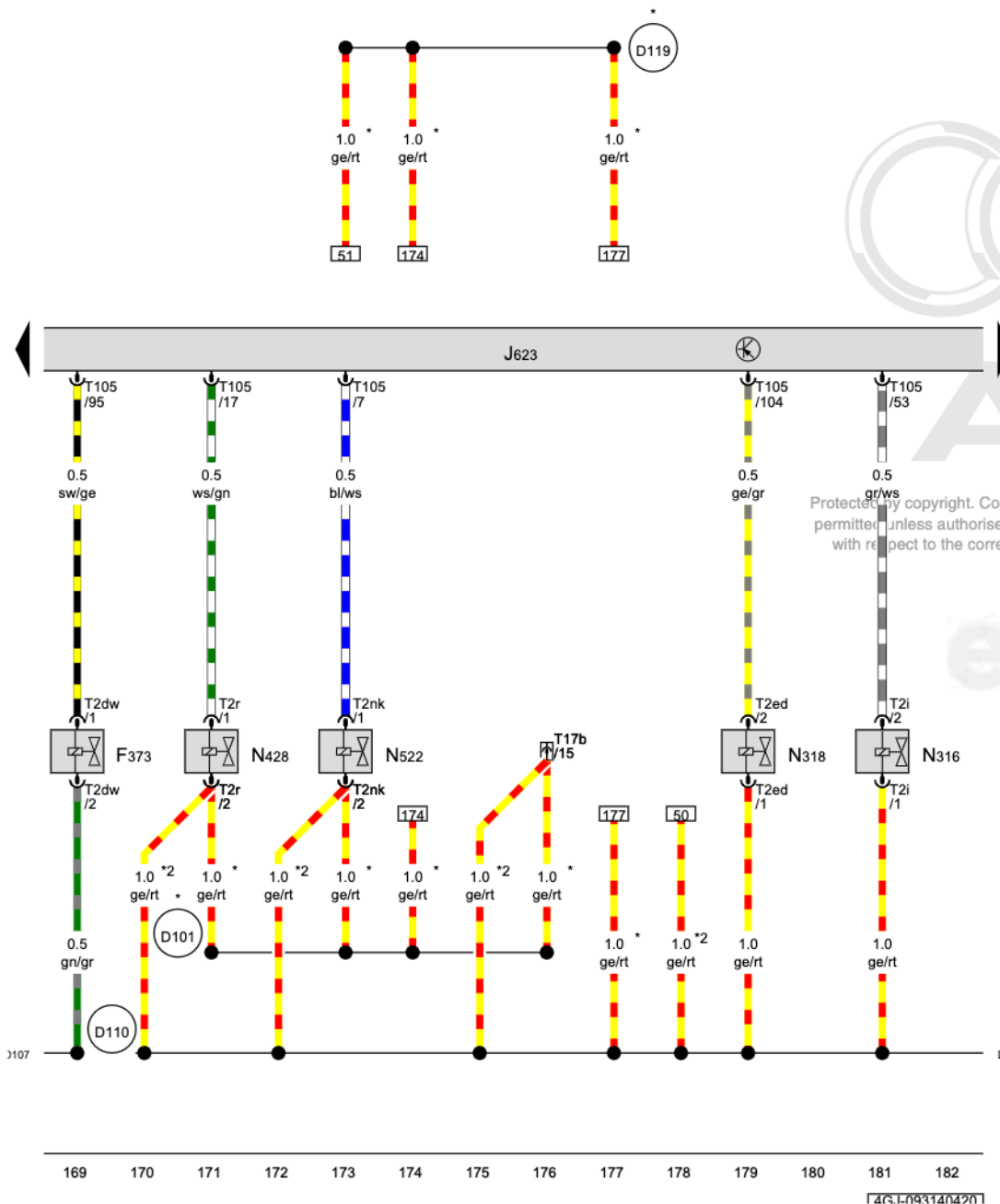
D107 Connection 5 (in Engine/Motor Compartment Wiring Harness)

* Depending on Equipment



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Engine/Motor Control Module, Intake Manifold Runner Control Valve, Oil Pressure Regulation Valve



- F373 Cam Adjustment Actuator 8
- J623 Engine/Motor Control Module
- N316 Intake Manifold Runner Control Valve
- N318 Exhaust Camshaft Adjustment Valve 1
- N428 Oil Pressure Regulation Valve
- N522 Piston Cooling Nozzle Control Valve
- T2dw 2-Pin Connector
- T2ed 2-Pin Connector
- T2i 2-Pin Connector
- T2nk 2-Pin Connector
- T2r 2-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T105 105-Pin Connector, Black
- D101 Connection 1 (in Engine/Motor Compartment Wiring Harness)
- D107 Connection 5 (in Engine/Motor Compartment Wiring Harness)
- D110 Connection 8 (in Engine/Motor Compartment Wiring Harness)
- D119 Connection 17 (in Engine/Motor Compartment Wiring Harness)
- * Omitted as a Running Change
- *2 Running Change

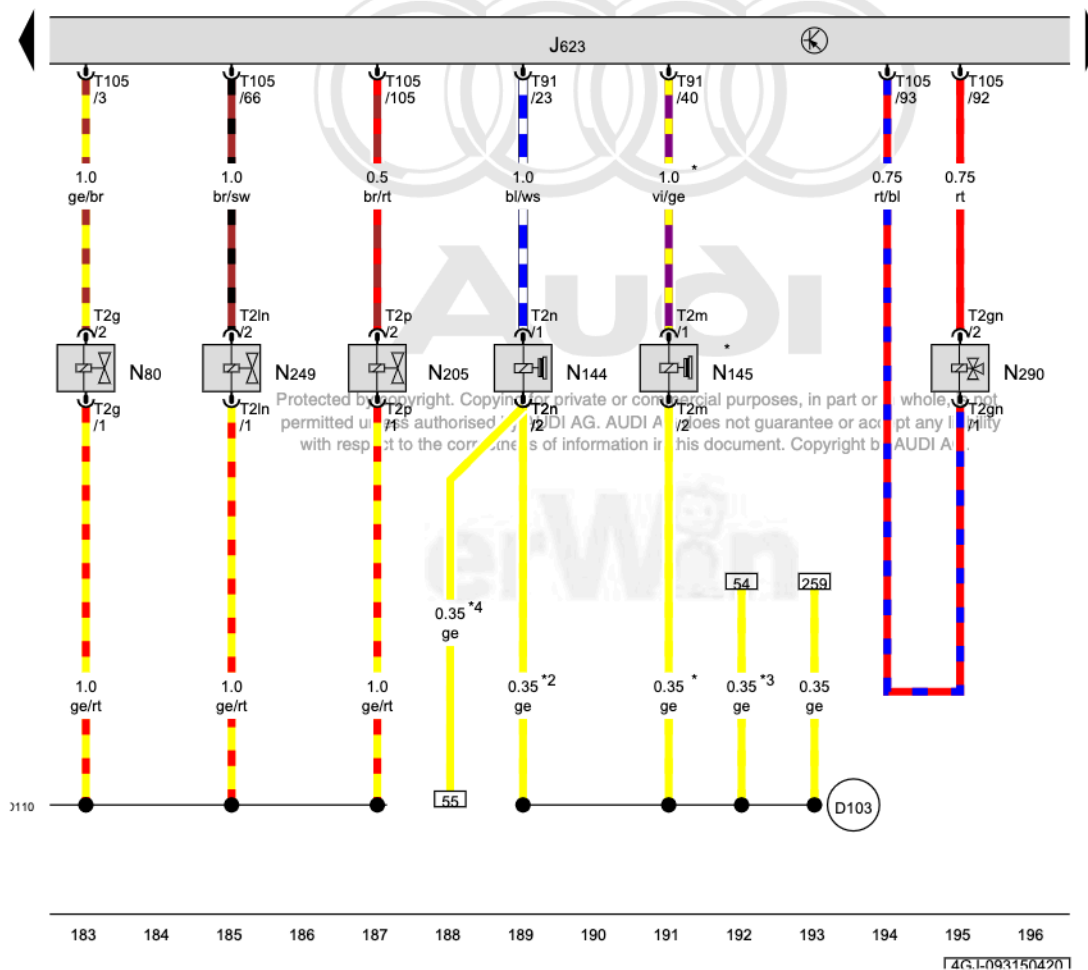
Engine/Motor Control Module, EVAP Canister Purge Regulator Valve 1, Turbocharger Recirculation Valve, Fuel Metering Valve

- J623 Engine/Motor Control Module
- N80 EVAP Canister Purge Regulator Valve 1
- N144 Left Electrohydraulic Engine Mount Solenoid Valve
- N145 Right Electrohydraulic Engine Mount Solenoid Valve
- N205 Camshaft Adjustment Valve 1
- N249 Turbocharger Recirculation Valve
- N290 Fuel Metering Valve
- T2g 2-Pin Connector
- T2gn 2-Pin Connector
- T2ln 2-Pin Connector
- T2m 2-Pin Connector
- T2n 2-Pin Connector
- T2p 2-Pin Connector
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black

D103 Connection 3 (in Engine/Motor Compartment Wiring Harness)

D110 Connection 8 (in Engine/Motor Compartment Wiring Harness)

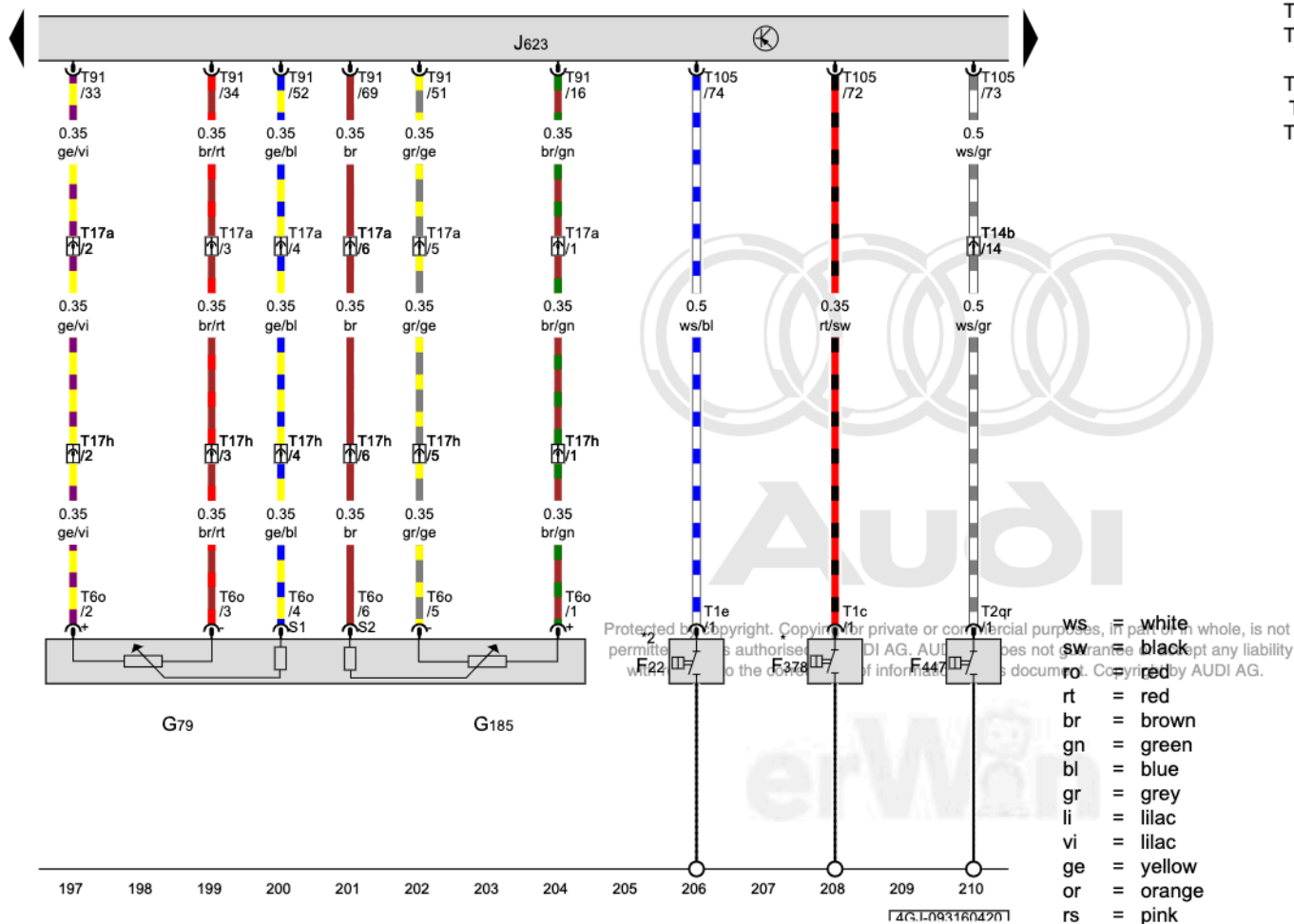
- * Depending on Equipment
- *2 For Vehicles with Automatic Transmission
- *3 For Vehicles Without Manual Transmission
- *4 For Vehicles with a Manual Transmission



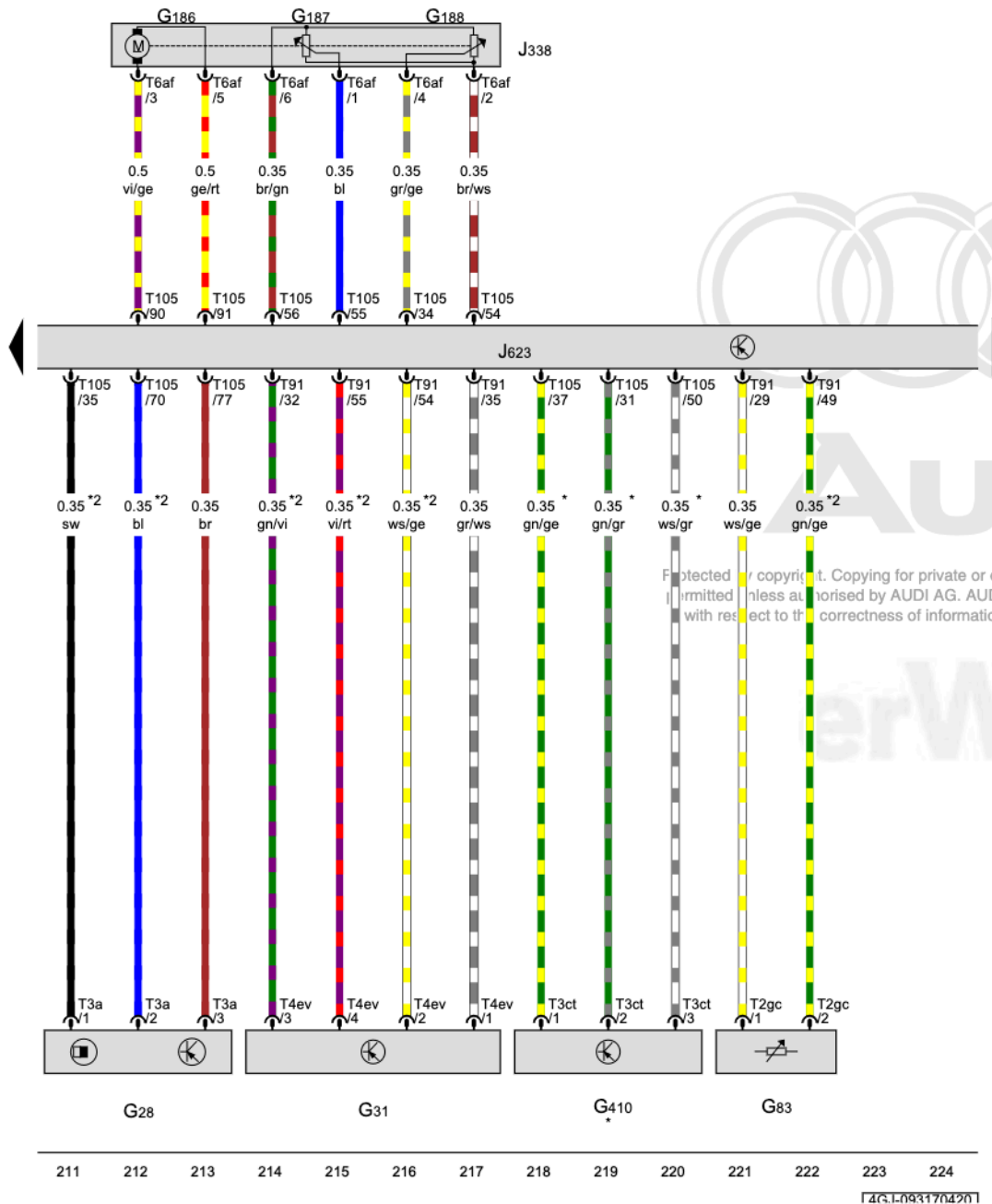
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Oil Pressure Switch, Reduced Oil Pressure Switch, Oil Pressure Switch, Level 3, Accelerator Pedal Position Sensor, Engine/Motor Control Module

- F22 Oil Pressure Switch
- F378 Reduced Oil Pressure Switch
- F447 Oil Pressure Switch, Level 3
- G79 Accelerator Pedal Position Sensor
- G185 Accelerator Pedal Position Sensor 2
- J623 Engine/Motor Control Module
- T1c 1-Pin Connector
- T1e 1-Pin Connector
- T2lo 2-Pin Connector
- T2qr 2-Pin Connector, Black
- T6o 6-Pin Connector
- T14b 14-Pin Connector, Black
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- * 0.9 Bar
- *2 2.6 Bar



Engine Speed Sensor, Throttle Valve Control Module,
Engine/Motor Control Module



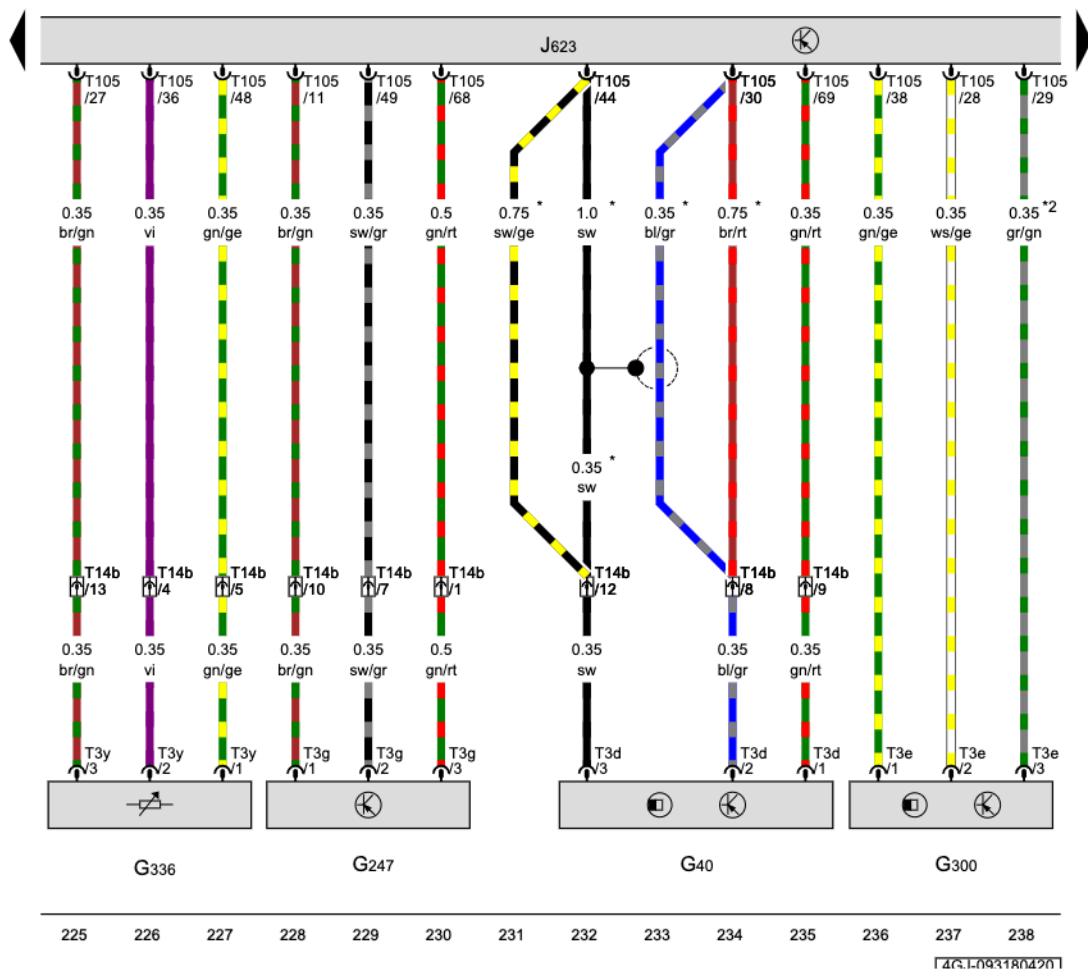
- G28 Engine Speed Sensor
- G31 Charge Air Pressure Sensor
- G83 Engine Coolant Temperature Sensor on Radiator Outlet
- G186 EPC Throttle Drive
- G187 EPC Throttle Drive Angle Sensor 1
- G188 EPC Throttle Drive Angle Sensor 2
- G410 Low Fuel Pressure Sensor
- J338 Throttle Valve Control Module
- J623 Engine/Motor Control Module
- T2gc 2-Pin Connector
- T3a 3-Pin Connector, Brown
- T3ct 3-Pin Connector, Blue
- T4ev 4-Pin Connector, Black
- T6af 6-Pin Connector, Black
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- * Not for USA
- *2 The Color of the Wires Depends on Vehicle Equipment

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Camshaft Position Sensor, Fuel Pressure Sensor, Intake
Manifold Runner Position Sensor, Engine/Motor Control
Module

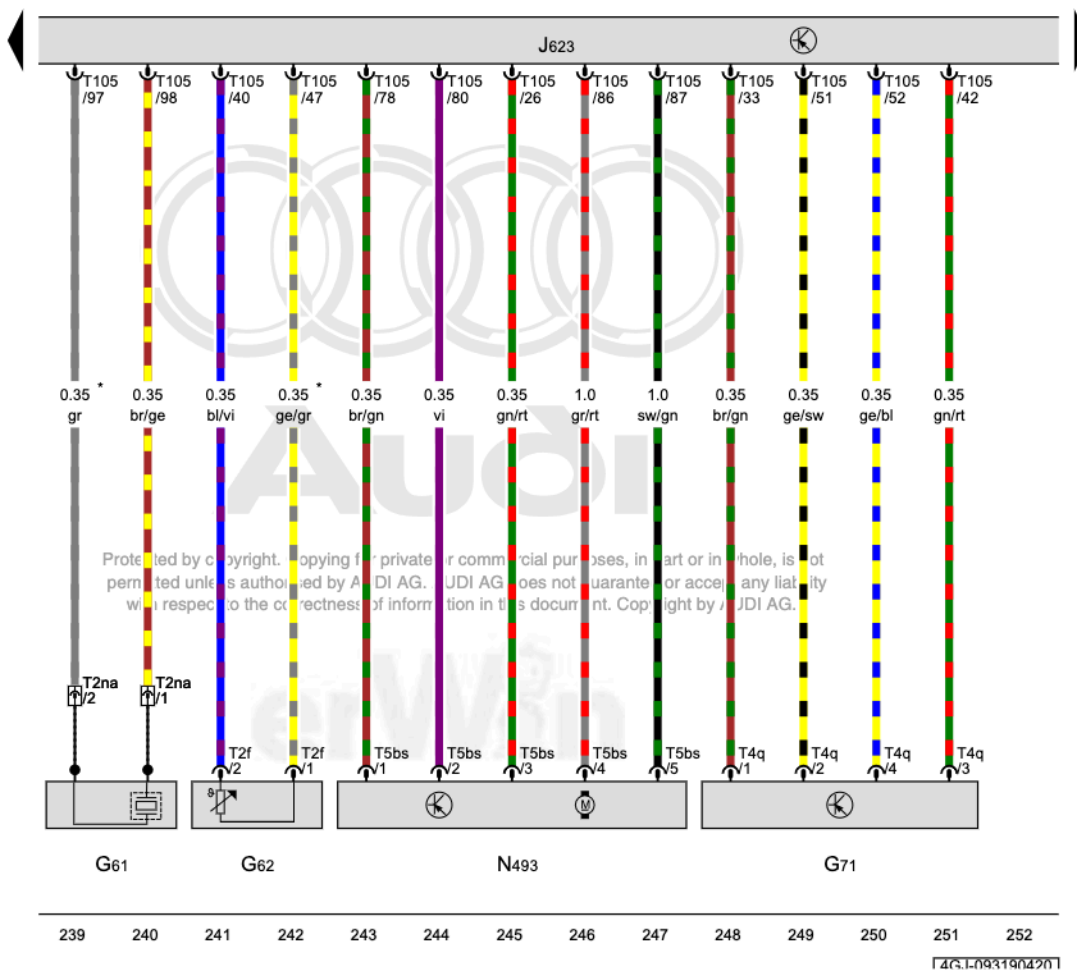
- G40 Camshaft Position Sensor
- G247 Fuel Pressure Sensor
- G300 Camshaft Position Sensor 3
- G336 Intake Manifold Runner Position Sensor
- J623 Engine/Motor Control Module
- T3d 3-Pin Connector, Black
- T3e 3-Pin Connector, Black
- T3g 3-Pin Connector, Black
- T3y 3-Pin Connector, Black
- T14b 14-Pin Connector, Black
- T105 105-Pin Connector, Black
- * Depending on Equipment
- *2 The Color of the Wires Depends on Vehicle Equipment



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Knock Sensor 1, Engine Coolant Temperature Sensor, Engine/Motor Control Module

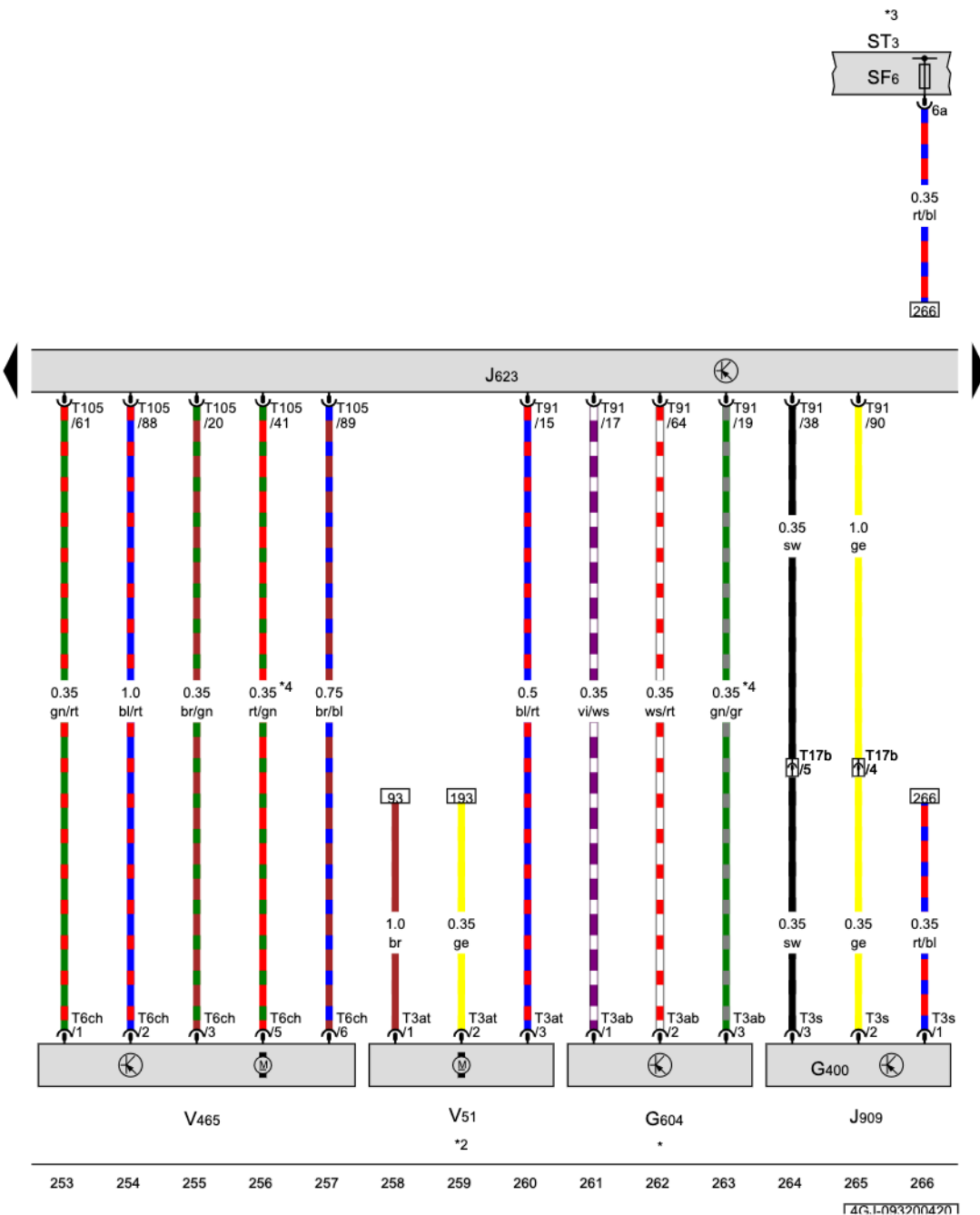
- G61 Knock Sensor 1
- G62 Engine Coolant Temperature Sensor
- G71 Manifold Absolute Pressure Sensor
- J623 Engine/Motor Control Module
- N493 Engine Temperature Control Actuator
- T2f 2-Pin Connector
- T2na 2-Pin Connector, Near the Knock Sensor, Black
- T4q 4-Pin Connector, Black
- T5bs 5-Pin Connector, Black
- T105 105-Pin Connector, Black
- * The Color of the Wires Depends on Vehicle Equipment



Gear Recognition Sensor, Engine/Motor Control Module,
Fuel Tank Leak Detection Control Module

- G400 Fuel Tank Pressure Sensor
- G604 Gear Recognition Sensor
- J623 Engine/Motor Control Module
- J909 Fuel Tank Leak Detection Control Module
- ST3 Fuse Panel 3
- SF6 Fuse 6 (On Fuse Panel F)
- T3ab 3-Pin Connector, Black
- T3at 3-Pin Connector, Black
- T3s 3-Pin Connector
- T6ch 6-Pin Connector, Gray
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- V51 After-Run Coolant Pump
- V465 Charge Air Pressure Actuator
- * For Vehicles with a Manual Transmission
- *2 For Vehicles Without Manual Transmission

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Heated Oxygen Sensor, Oxygen Sensor After Catalytic Converter, Engine/Motor Control Module

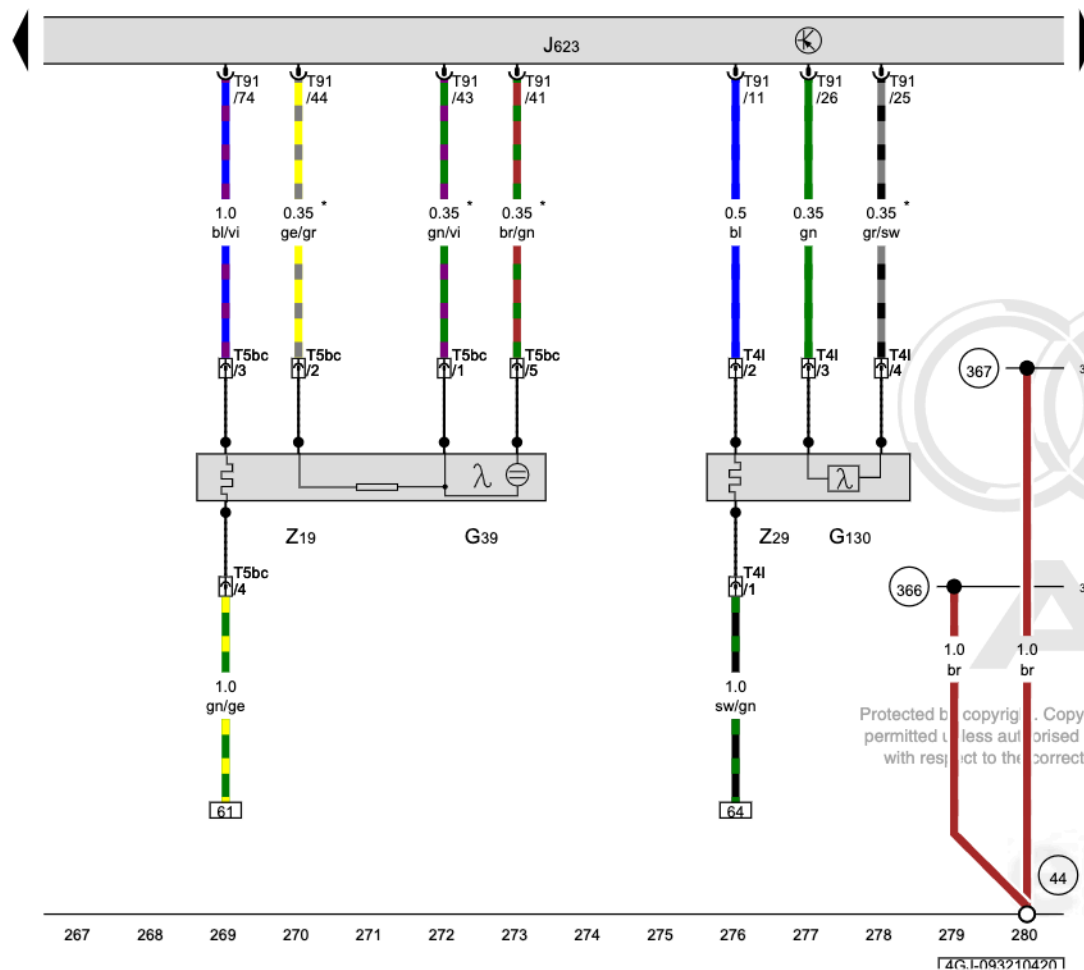
- G39 Heated Oxygen Sensor
- G130 Oxygen Sensor After Catalytic Converter
- J623 Engine/Motor Control Module
- T4l 4-Pin Connector, Black
- T5bc 5-Pin Connector, Black
- T91 91-Pin Connector, Black
- Z19 Oxygen Sensor Heater
- Z29 Heater for Oxygen Sensor 1 After Catalytic Converter

44 Ground Connection on A-Pillar, Lower Left

366 Ground Connection 1 (in Main Wiring Harness)

367 Ground Connection 2 (in Main Wiring Harness)

* The Color of the Wires Depends on Vehicle Equipment

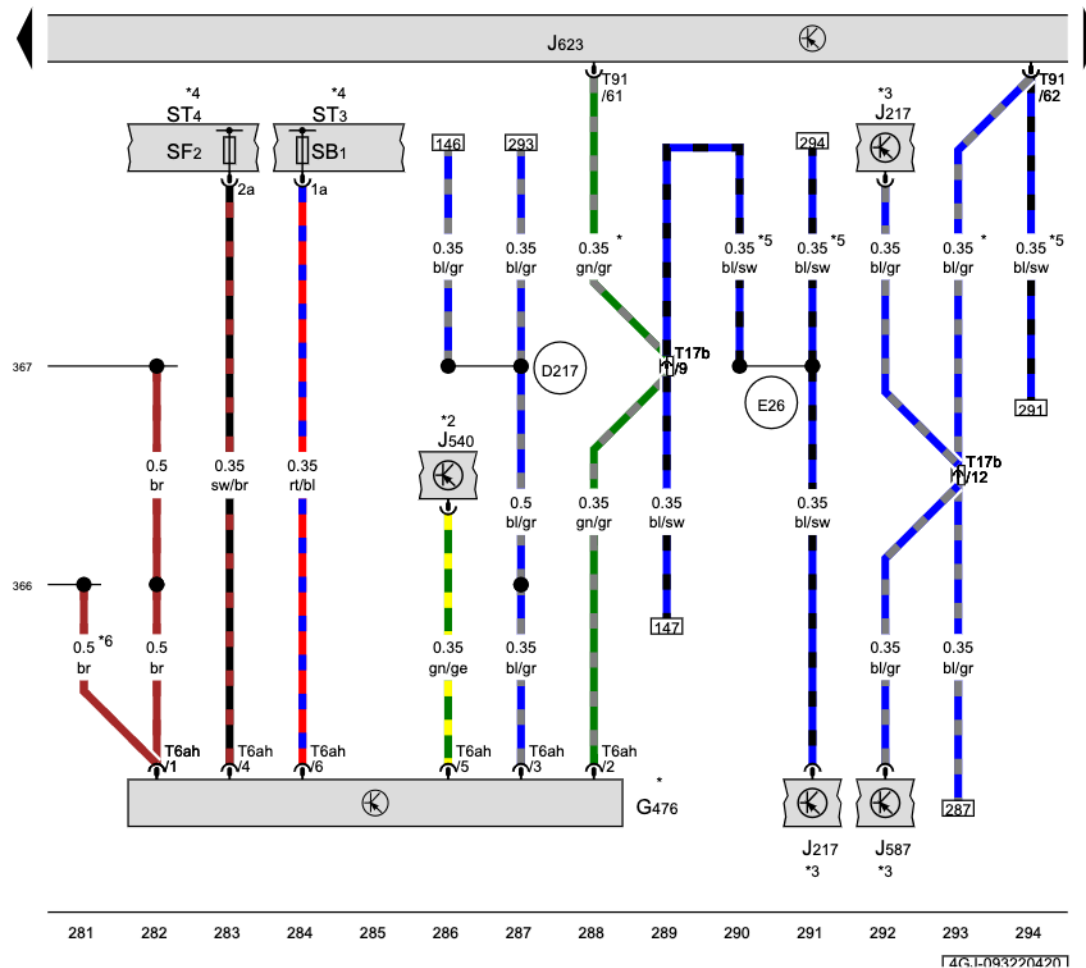


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- ge = yellow
- or = orange
- rs = pink

Clutch Position Sensor, Electromechanical Parking Brake Control Module, Engine/Motor Control Module

- G476 Clutch Position Sensor
- J217 Transmission Control Module
- J540 Electromechanical Parking Brake Control Module
- J587 Selector Lever Sensor System Control Module
- J623 Engine/Motor Control Module
- SB1 Fuse 1 (On Fuse Panel B)
- SF2 Fuse 2 (On Fuse Panel F)
- ST3 Fuse Panel 3
- ST4 Fuse Panel 4
- T6ah 6-Pin Connector, Black
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black



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- 366 Ground Connection 1 (in Main Wiring Harness)
- 367 Ground Connection 2 (in Main Wiring Harness)
- D217 Selector Lever P/N Position Connection (in Main Wiring Harness)
- E26 Selector Lever P/N Position Connection (in Motronic Multiform Fuel Injection Wiring Harness)
- * For Vehicles with a Manual Transmission
- *2 Refer to Applicable Wiring Diagram
- *3 Refer to Applicable Wiring Diagram for Automatic Transmission
- *4 Refer to Applicable Wiring Diagram for Fuse Positions
- *5 For Vehicles Without Manual Transmission
- *6 Running Change

F	Brake Lamp Switch
J217	Transmission Control Module
J623	Engine/Motor Control Module
ST3	Fuse Panel 3
SB3	Fuse 3 (On Fuse Panel B)
T4ak	4-Pin Connector
T17a	17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
T17i	17-Pin Connector, In the Left A-Pillar Connector Station, Black
T17o	17-Pin Connector, In the Connector Station, Right A-Pillar, Black
T91	91-Pin Connector, Black

(B335) Connection 54 (in Main Wiring Harness) 1

* Refer to Applicable Wiring Diagram for Automatic Transmission
*2 Refer to Applicable Wiring Diagram for Fuse Positions

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Radiator Fan Control Module, Engine/Motor Control Module, Exhaust Door Control Unit, Radiator Fan, Radiator Fan 2

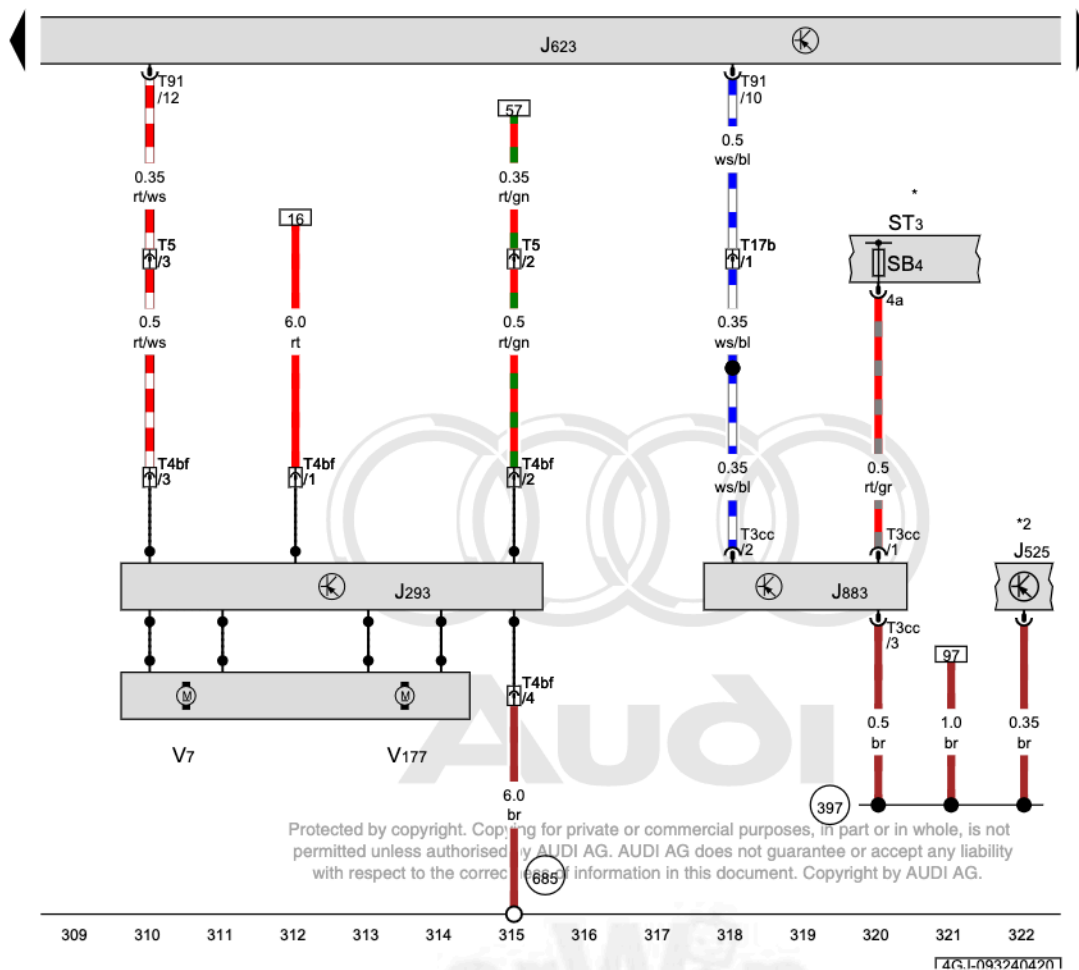
- J293 Radiator Fan Control Module
- J525 Digital Sound System Control Module
- J623 Engine/Motor Control Module
- J883 Exhaust Door Control Unit
- ST3 Fuse Panel 3
- SB4 Fuse 4 (On Fuse Panel B)
- T3cc 3-Pin Connector
- T4bf 4-Pin Connector
- T5 5-Pin Connector, In the Center Plenum Chamber, Black Station, Red
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector
- T91 91-Pin Connector, Black
- V7 Radiator Fan
- V177 Radiator Fan 2

397 Ground Connection 32 (in Main Wiring Harness)

685 Ground Connection 1 on Right Front Longitudinal Member

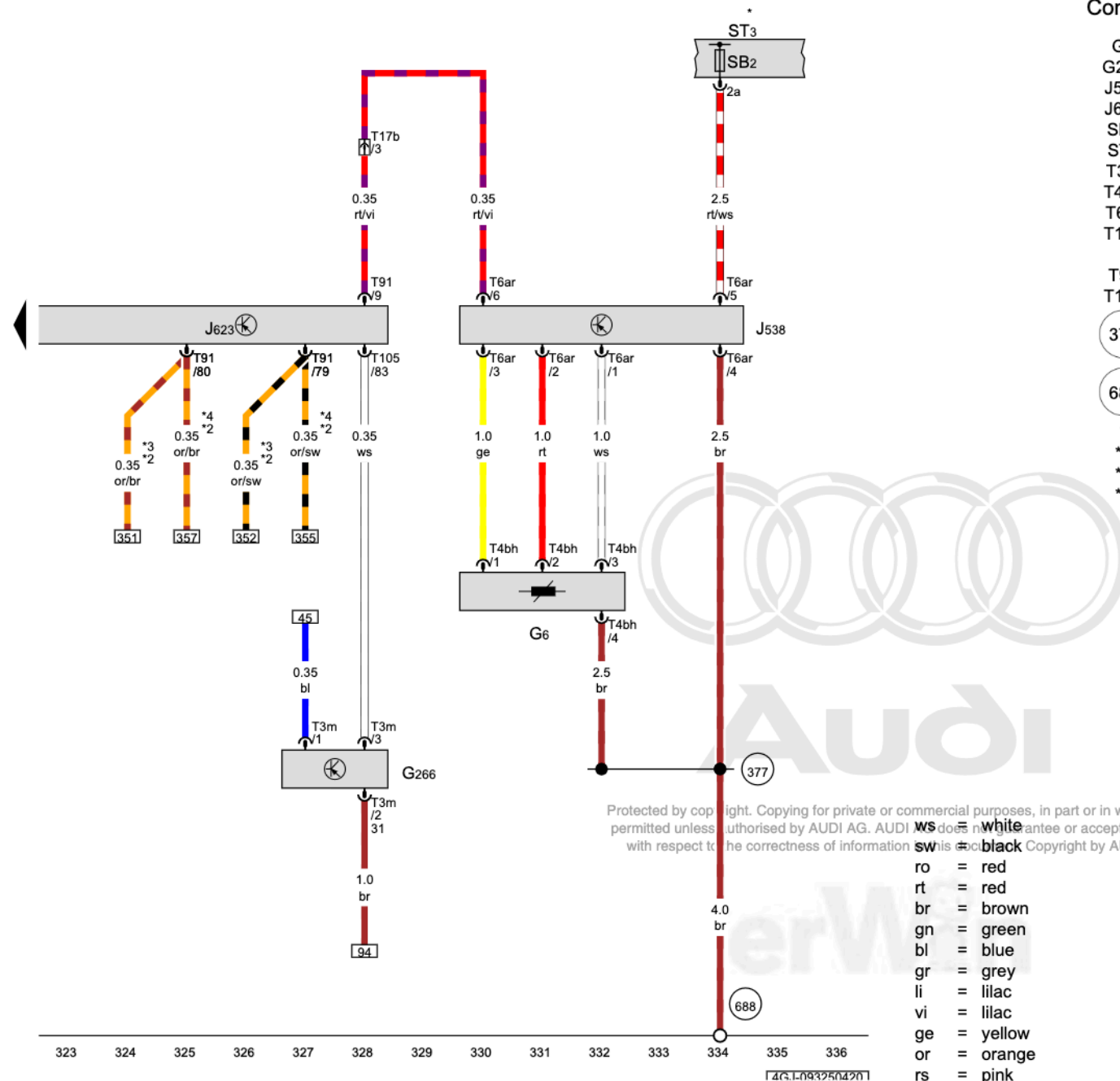
* Refer to Applicable Wiring Diagram for Fuse Positions

*2 Refer to Applicable Sound System Wiring Diagram



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Transfer Fuel Pump, Oil Level Thermal Sensor, Fuel Pump Control Module, Engine/Motor Control Module



- G6 Transfer Fuel Pump
- G266 Oil Level Thermal Sensor
- J538 Fuel Pump Control Module
- J623 Engine/Motor Control Module
- SB2 Fuse 2 (On Fuse Panel B)
- ST3 Fuse Panel 3
- T3m 3-Pin Connector
- T4bh 4-Pin Connector
- T6ar 6-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black

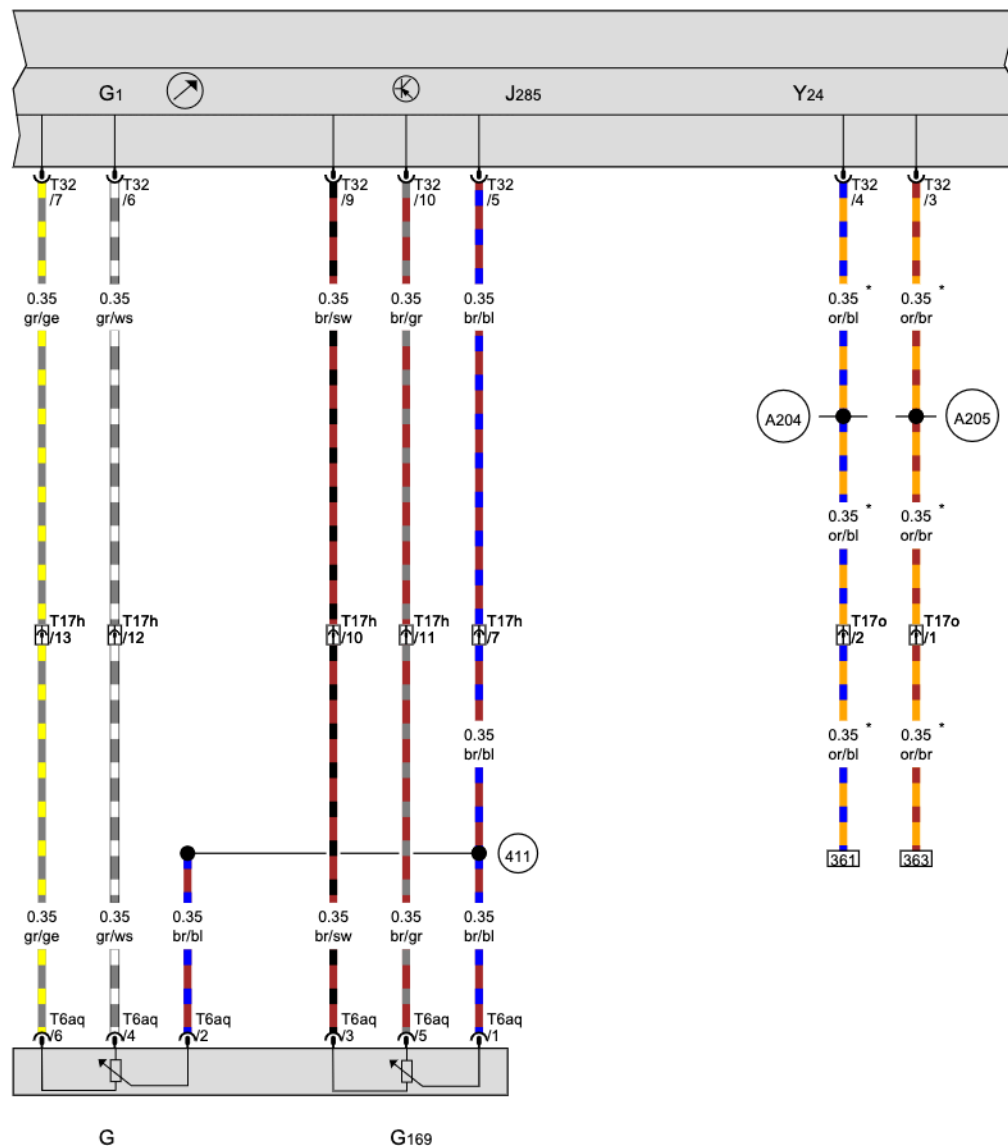
377 Ground Connection 12 (in Main Wiring Harness)

688 Ground Connection 2 on Center Tunnel

- * Refer to Applicable Wiring Diagram for Fuse Positions
- *2 Data Bus Wire (CAN Bus)
- *3 For Vehicles Without Manual Transmission
- *4 For Vehicles with a Manual Transmission

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Fuel Gauge, Fuel Level Sensor 2, Instrument Cluster Control Module

- G Fuel Level Sensor
- G1 Fuel Gauge
- G169 Fuel Level Sensor 2
- J285 Instrument Cluster Control Module
- T6aq 6-Pin Connector
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black
- T32 32-Pin Connector
- Y24 Display Unit in Instrument Cluster

- 411 Sensor Ground Connection 2 (in Main Wiring Harness)
- A204 Instrument Cluster CAN Bus High Connection (in Instrument Panel Wiring Harness)
- A205 Instrument Cluster CAN Bus Low Connection (in Instrument Panel Wiring Harness)
- * Data Bus Wire (CAN Bus)

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J217	Transmission Control Module
J533	Data Bus on Board Diagnostic Interface
T17a	17-Pin Connector, Left Plenum Chamber E-Box Connector Station
T32b	32-Pin Connector
T46a	46-Pin Connector
T46b	46-Pin Connector
TV33	Powertrain CAN Bus High Wire Junction
TV37	Powertrain CAN Bus Low Wire Junction
TV79	Powertrain CAN Bus High Wire Junction 2
TV81	Instrument Cluster CAN Bus High Wire Junction 2, On the Relay and Fuse Panel in the Luggage Compartment, Right
TV82	Powertrain CAN Bus Low Wire Junction 2
TV84	Instrument Cluster CAN Bus Low Wire Junction 2
B383	Powertrain CAN Bus High Connection 1 (in Main Wiring Harness)
B390	Powertrain CAN Bus Low Connection 1 (in Main Wiring Harness)
B708	Instrument Cluster CAN Bus High Connection 1 (in Main Wiring Harness)
B709	Instrument Cluster CAN Bus Low Connection 1 (in Main Wiring Harness)
E93	CAN Bus High Connection 1 (in Engine Wiring Harness)
E94	CAN Bus Low Connection 1 (in Engine Wiring Harness)
*	For Vehicles with Automatic Transmission
*2	Refer to Applicable Wiring Diagram for Automatic Transmission
*3	Data Bus Wire (CAN Bus)
*4	For Vehicles Without Manual Transmission
*5	For Vehicles with a Manual Transmission